

## Motor operator, 110-125 VAC/DC

**Part no.** IZMX-M16-110AD  
**Article no.** 124247



## Delivery program

Product range			Accessories
Accessories			Remote switching
Accessories			Motor operator
			The motor automatically tensions the spring force storage mechanism for remote or local actuation. A signaling switch for the „Spring force storage charged” message is included as standard.
Maximum operating frequency	Actuations/ minute		3
			Please note - the circuit-breaker's switching frequency = 60/h
Rated control voltage	$U_s$	V	110 - 127 V AC 50/60 Hz 110 - 125 V DC
Operating range	$x U_s$	Factor	0,85 - 1,1
max. holding current	$I_n$	A	2 AC / 1 DC
max. pick-up current (35ms)	$I_n$	A	6 AC / 5 DC
max. continuous power	AC/DC	VA/W	280 AC / 150 DC
max. pull-in power (35ms)	AC/DC	VA/W	3
For use with			IZMX16... INX16...
<b>Instructions</b>			An additional control circuit terminal block is required for retrofitting. For fixed mounting circuit-breakers → #156593 and withdrawable unit circuit-breakers → #156590
Information about equipment supplied			A signaling switch for the labeled “Spring-operated stored energy mechanism tensioned” message is included as standard.

## Technical data

Rated control voltage	$U_s$	V	110 - 127 V AC 50/60 Hz 110 - 125 V DC
Necessary time required for charging the spring-operated stored energy mechanism at $1 x U_s$			3 s AC 50/60 Hz 3 s DC
Rated operational current	$I_n$	A	2 A AC 50/60 Hz 1 A DC
Starting current		A	6 A AC 50/60 Hz 5 A DC
Power consumption			280 VA AC 50/60 Hz 150 W DC

## Design verification as per IEC/EN 61439

Technical data for design verification			
Operating ambient temperature min.		°C	-25
Operating ambient temperature max.		°C	70

## Technical data ETIM 6.0

Low-voltage industrial components (EG000017) / Motor operator for power circuit-breaker (EC001030)			
Electric engineering, automation, process control engineering / Low-voltage switch technology / Circuit breaker (LV < 1 kV) / Electrical drive for circuit breakers (ecl@ss8.1-27-37-04-12 [AKF010010])			
Type of switch drive			Motor drive
Rated control supply voltage $U_s$ at AC 50HZ		V	110 - 127
Rated control supply voltage $U_s$ at AC 60HZ		V	110 - 127

Rated control supply voltage Us at DC	V	110 - 125
Voltage type for actuating		AC/DC